

# PRODUCT SPECIFICATION



## OPAL

**Supply Area** : Remote Communities

**Product Code** : OPAL

**Application** : For spark ignition engines in remote communities. Not for Aviation use. Complies with the Fuel Quality Standards Act 2000 Petrol Determination of 2001. Does not contain oxygenates added as components, contains very low levels of aromatic compounds and benzene.

TEST	UNIT	LIMIT	METHOD
Appearance		Clear & bright	Visual
Colour		yellow	Visual
Density @ 15°C	kg/L	Report	ASTM D1298
Distillation			ASTM D86
10% evaporated	°C	75 max	
50% evaporated	°C	115 max	
90% evaporated	°C	180 max	
FBP	°C	210 max	
Reid Vapour Pressure	kPa	45 min	ASTM D323, D5191
Flexible Volatility Index		90 max	calculated
<b>The following properties are legislated under the National Fuels Quality Standard of 2000 Petrol determination of 2001.</b>			
Total Sulphur	mg/kg	150 max	D2622,D5453,D6334
Copper Corrosion Test- 3 hr @ 100°C		1 max	ASTM D130
Gum Existent (Solvent Washed)	mg/L	50 max	D381
Lead Content	gPb/L	0.005 max	D3237,D5059
Phosphorous content	g/l	0.0013 max	D3231
Induction period	minutes	360 min	D525
Research Octane		91.0 min	D2699
Motor Octane		81.0 min	D2700
Total Aromatics	% vol	5 max	D5580
Benzene content	% vol	1.0 max	D5580
Total Olefins	% vol	3.0 max	D1319,D6293, D6296
Total Oxygenate content	% vol	1.0 max	D4815

BP guarantees that this product is fit for the purposes described above, and meets all legislative requirements. BP reserves the right to vary this specification from time to time without notice provided the product continues to meet legislative requirements.

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**Marketing Technical Services**